

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

Date.....20

No: Second and Final Bill

Division: **Project**

Sub-Division: **Project Sub Division**

Bill Received No.

Dated

Divisional
Sub Divisional

Cash Book Voucher No..... Dated.....

Work Code: 009-20-000034

Est.Cost- 150.00 Lakhs

Schedule Docket No. Head of Account:

Name of Work: **Construction Of Additional Floor To Existing Library at Vidyaranyapura Ward No.09 In Byatarayanapura Assembly Constituency**

Name of Contractor and Full Address : **Sri. S K Keshavamurthy #104, Sampigehalli, Jakkur Post, Bangalore-560064**

Date: 05-01-2021

Reference to Agreement No: EE(Project)/Ynk Zone/WO/173/2020-21

Certified that the measurements were taken by me on 30/4/2023 and recorded of Pages 637632 to 637651 of measurement Book No. 242021 and that the work is satisfactorily executed.

Contractor

Officer-in-charge of work

Certified that the measurement were taken by me on 30/04/2023 and found correct. The work is satisfactorily executed. Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

II Memorandum of Payment

- 1) Total value of work done or supplies made as per account within
- 2) Deduct amount to be held in reserve being percent Rs.....
- 3) " " Balance
- 4) Deduct Payment:
 - a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No.....
 - towards cash advance recovery of
 - b) Payments } cost store or other material supplied.
Now made } recovery of amount creditable to this/other work
Amount paid on this bill Cheque / Cash.
- 5) Balance being unpaid value of work done held in reserve.
- 6) Deduct cash advance made on the Office cash Book Voucher No.....
- 7) Net amount due to or from Contractor dated.....less adjustments.
- 8) Advance to Contractor for materials brought to site (as detailed) within.
- 9) Value of Government materials supplied.

Amount adjusted

unadjustments items.

Total amount adjusted -

Contractor's Signature

Asst. Executive Engineer
Sub-Division Officer

Yelahanka Zone
BBMP, Bangalore - 92

5269000.00
52700.00
47100.00
47100.00
5300.00
52700.00
4000.00

208900.00
5060100.00

Received Rs..... (in words).....

by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

(For use in the Office)

Witness

1.

2.

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

Stamp

Head of Account.....

Audited & admitted for Rs.....

5060100.00

by Cheque
and Rs. 208900.00 Executive Engineer
by Adjustment

Acct. Clerk
Project Division

Acct. Supdt.
Project Division

Exa. Engineer
Project Division
BBMP

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

No: Second and Final Bill

Date.....20

Division: Project

Sub-Division: Project Sub Division

Bill Received No.

Dated

Divisional
Sub Divisional

Cash Book Voucher No..... Dated.....

Work Code: 009-20-000034

Est.Cost- 150.00 Lakhs

Schedule Docket No. Head of Account:

Name of Work: Construction Of Additional Floor To Existing Library at Vidyaranyapura Ward No.09
In Byatarayanapura Assembly Constituency

Name of Contractor and Full Address : Sri. S K Keshavamurthy #104, Sampigehalli, Jakkur Post,
Bangalore-560064

Reference to Agreement No: EE(Project)/Ynk Zone/WO/173/2020-21

Date: 05-01-2021

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[Signature]
Contractor

[Signature]
Officer-in-charge of work

Certified that the measurement were taken by me on 30/04/2023 and found correct. The work is satisfactorily executed.

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upto date - 14814800 - 00
Received - 9545800 - 00

[Signature]
Sub-Division Officer

II Memorandum of Payment

- 1) Total value of work done or supplies made as per account within
- 2) Deduct amount to be held in reserve being percent Rs.....
- 3) " Balance
- 4) Deduct Payment:
 - a) Amount of previous payment as in the Office Cash Book Voucher
No.....Dated.....S.D. No.....
towards cash advance recovery of
 - b) Payments } cost store or other material supplied.
Now made } recovery of amount creditable to this/other work
Amount paid on this bill Cheque / Cash.
- 5) Balance being unpaid value of work done held in reserve.
- 6) Deduct cash advance made on the Office cash Book Voucher No.....
dated.....less adjustments.
- 7) Net amount due to or from Contractor
- 8) Advance to Contractor for materials brought to site (as detailed) within.
- 9) Value of Government materials supplied.

BA	5269000 - 00
LT	52700 - 00
EE	47100 - 00
See	47100 - 00
CF	5300 - 00
Dev	52700 - 00
LD	4000 - 00
	208900 - 00
	5060100 - 00
	8120000 - 00

Total amount adjusted -

Contractor's Signature

Received Rs..... (in words).....

by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

(For use in the Office)

Witness

1.

2.

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

Stamp

Head of Account.....

Audited & admitted for Rs.....

5060100 - 00

by Cheque
and Rs. 208900 - 00 Executive Engineer
by Adjustment

Acct. Clerk
Project Division

Acct. Supdt.
Project Division
B.B.M.P.

Exs. Engineer
Project Division
B.B.M.P.

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Construction of Additional floor to existing Library at Vidyanayapura Ward no.09 in Byatarayanapura Assembly Constituency

ABSTRACT

Item no	Description of work	Unit	As Per Modified Schedule B			Previous			Present			Total Upto Date	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
1	Dismantling burnt brick masonry in clay mortar/lime mortar/cement mortar and stacking the bricks within a radius of 50m and removing the debris to a distance upto 200m. As per the direction of the Engineer Incharge Qty Upto 125%	Cum	16.35	269.43	4406.00	16.35	269.43	4406.00	0	269.43	0.00	16.35	4406.00
	Qty Above 125%	Cum	5.15	269.43	1389.00	5.15	269.43	1389.00	0	269.43	0.00	5.15	1389.00
2	Dismantling weather proof course and removing and conveying the debris to a distance upto 200m. As per the direction of the Engineer Incharge.	Cum	33.74	807.19	27238.00	33.74	807.19	27238.00	0	807.19	0.00	33.74	27238.00
3	Cost of Haulage Excluding Loading and Unloading MORTH -100/Chapter 1 Case-1: Surface Road. As per the direction of the Engineer Incharge Qty upto 125%	t.km	125.68	16.32	2052.00	70.72	16.32	1155.00	54.96	16.32	897.04	125.68	2052.00
	Qty Above 125%	t.km	22.58	19.63	444.00				22.58	19.63	444.00	22.58	444.00
4	Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. As per the direction of the Engineer Incharge	MT	38.03	77409.71	2943887.00	38.03	77409.71	2943887.00	0	77409.71	0.00	38.03	2943887.00
5	Lift charges for steel of all diameters for additional floors over ground floor per floor height of 3.5 m. or part there of cost of labour, complete as per specifications. As per the direction of the Engineer Incharge	MT	38.03	815.92	31030.00	38.03	815.92	31030.00	0	815.92	0.00	38.03	31030.00
6	Providing and removing Centering & Shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square/rectangular / polygon in plan including cost of all materials, labour complete as per specifications. As per the direction of the Engineer Incharge	Sqm	265.23	522.65	138623.00	265.23	522.65	138623.00	0	522.65	0.00	265.23	138623.00
7	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.46cum, with superplasticiser @3lts confirming to IS 9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for RCC beams, columns, roof of all sizes in foundation plinth and superstructure ground floor level for roof slabs, staircase, lintles, columns, including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. As per the direction of the Engineer Incharge	Cum	37.35	6487.59	242333.00	18.71	6487.59	121404.00	18.64	6487.59	120929.00	37.35	242333.00
8	Providing and removing Centering & Shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. As per the direction of the Engineer Incharge Qty Upto 125%	Sqm	466.35	345.78	161254.00	466.35	345.78	161254.00	0	345.78	0.00	466.35	161254.00
9	Providing and removing Centering & Shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. As per the direction of the Engineer Incharge Qty Upto 125%	Sqm	1049.04	2116.15	2219932.00	1049.04	2116.15	2219932.00	0	2116.15	0.00	1049.04	2219932.00

Item no	Description of work	Unit	As Per Modified Schedule B			Previous			Present			Total Upto	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
10	Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m ³ having a minimum average compressive strength of 4.00 N/mm ² conforming to IS 2185 (Part 1) 2005 and constructed with CM 1 A, as per IS 25722005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. As per the direction of the Engineer Incharge	Sqm	595.22	1084.70	645638.00	595.22	1084.70	645638.00	0	1084.70	0.00	595.22	645638.00
11	Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m ³ having a minimum average compressive strength of 4.00 N/mm ² conforming to IS 2185 (Part 1) 2005 and constructed with CM 1 A, as per IS 25722005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. As per the direction of the Engineer Incharge	Sqm	138.33	1074.88	148683.00	22.87	1074.88	24582.00	115.46	1074.88	124101.00	138.33	148683.00
12	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum, with superplastiser @3lts conforming to IS 9103-1999 reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. As per the direction of the Engineer Incharge Qty Upto 125%	Cum	231.74	6233.44	1444522.00	231.74	6233.44	1444522.00	0	6233.44	0.00	231.74	1444522.00
13	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. As per the direction of the Engineer Incharge	Sqm	1009.74	247.13	249536.00	900.57	247.13	222558.00	109.17	247.13	26978.00	1009.74	249536.00
14	Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. As per the direction of the Engineer Incharge	Sqm	832.21	307.73	256095.00	832.21	307.73	256095.00	0	307.73	0.00	832.21	256095.00
15	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 to Ceiling including rounding off corners wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. As per the direction of the Engineer Incharge Qty Upto 125%	Sqm	967.16	251.49	243232.00	967.16	251.49	243232.00	0	251.49	0.00	967.16	243232.00
16	Qty Above 125% Providing and finishing external walls in two coats with Water Proof Cement paint of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications As per the direction of the Engineer Incharge	Sqm	53.81	245.43	13206.00	53.81	245.43	13206.00	0	245.43	0.00	53.81	13206.00
		Sqm	1454.58	119.34	173590.00	0.00	119.34	0.00	1454.58	119.34	173590.00	1454.58	173590.00

Item no	Description of work	Unit	As Per Modified Schedule B				Previous				Present				Total Upto Date	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
17	Providing and applying two coats with oil bound washable distemper Two Coats of distemper of approved brand and shade on Ceiling & sloped roof including priming coat with distemper primer after thoroughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. As per the direction of the Engineer Incharge. Quantity Upto 125%	Sqm	1937.11	119.99	232434.00	0.00	119.99	0.00	1937.11	119.99	232434.00	1937.11		232434.00	1937.11	232434.00
18	Providing and fixing Vittrified blessed tiles of approved make, quality and colour of size 600 x 600 x 10 mm thick fixed on bed of 12 thick cement mortar for flooring. Skirting and jointed with neat cement slurry mixed with figment to mach shade of tiles, including providing spacers required intervals and removing stains etc. complete as per specification. As per the direction of the Engineer Incharge	Sqm	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00		0.00	0.00	0.00
19	Providing Ceramic tiles of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications. - for Ceramic tiles 30cm x 60cm 6mm thick on a bed of 20mm thick. As per the direction of the Engineer Incharge. Quantity Upto 125%	Sqm	26.38	1045.92	27587.00	0.00	1045.92	0.00	26.38	1045.92	27587.00	26.38		27587.00	26.38	27587.00
	Qty Above 125%	Sqm	14.43	1386.41	20006.00	0.00	0.00	0.00	14.43	1386.41	20006.00	14.43		20006.00	14.43	20006.00
20	Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. - Colour glazed tiles 15x15 cms 6mm thick. As per the direction of the Engineer Incharge. Quantity Upto 125%	Sqm	121.68	1782.21	216851.00	0.00	1782.21	0.00	121.68	1782.21	216851.00	121.68		216851.00	121.68	216851.00
	Qty Above 125%	Sqm	53.37	1388.59	74105.00	0.00	0.00	0.00	53.37	1388.59	74105.00	53.37		74105.00	53.37	74105.00
21	Flooring with 25mm thick polished tandur blue stone slabs using cement mortar 1:6. 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, including cost of materials, labour, curing, polishing complete as per specifications. As per the direction of the Engineer Incharge	Sqm	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00		0.00	0.00	0.00
22	Providing and laying platform using prepolished, water cut I gang saw 40mm thick telephonic Black Granite. laid on existing vertical supports and fixing in CM 1:3 proportion. Including cutting to required shape, pattern with paper joints, including full rounding for nosing, finished with cement mortar, pointed with colour pigments to match the colour of slab making through jointing with sealant, making holes 25mm x 12mm grooves in JOints including cost of all materials, mortar, labour, curing etc., complete as per specification. As per the direction of the Engineer Incharge	Sqm	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00		0.00	0.00	0.00
23	Providing and fixing polished granite sink of size 60cms x 90cms of 23cm thick, the sink portion shall be 15cm in depth of shapes oval I round I square over brick masonry in cement mortar 1:6 including cost and conveyance of all materials, labour for all items of work, HOM with all lead and lift, loading and unloading, transportation charges and all other incidental charges etc., complete as per specification and directions of the Engineer-in-charge of the work.	Each	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00		0.00	0.00	0.00

Approved Rates of Sri. S K

Item no	Description of work	Unit	As Per Modified Schedule B				Previous			Present			Total Upto Date	
			Qty	Rate	Amount		Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
24	Providing Mathi/Nandi wood frames, wrought, framed or assembled including making plaster grooves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications. As per the direction of the Engineer Incharge	Cum	0.16	69164.36	10722.00		0.00	69164.36	0.00	0.16	69164.36	10722.00	0.16	10722.00
25	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 30 mm. thick with bottom and lock rails 180 mm wide top rail and styles 100 mm wide as per drawing and panels of 25 mm thick including cost of materials. As per the direction of the Engineer Incharge	Sqm	5.22	4680.30	24443.00		0.00	4680.30	0.00	5.22	4680.30	24443.00	5.22	24443.00
26	Providing and fixing M.S grill work for windows and ventilators using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM complete as per specifications. As per the direction of the Engineer Incharge. Quantity Upto 125%	kgs	1020.60	148.95	152019.00		0.00	148.95	0.00	1020.60	148.95	152019.00	1020.60	152019.00
27	Qty Above 125% Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg/m, side outer 40mmx18mm. wall thickness 1.25mm. weight 1.1 mm. thick, shutter interlock section 40mmx26. 7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenoned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original	kgs	1119.35	110.17	123320.00		0.00	0.00	0.00	1119.35	110.17	123320.00	1119.35	123320.00
28	Supplying and fixing pressed steel door frames size 125x65 mm manufactured from 1.25mm thick carbon steel or imported steel strips with mitred JOints of 900 for door openings and shutters made out of seasoned Honne wood, styles of 30 mm, thick with lock rail of 160 mm, width, top and side rails of 100 mm. width and bottom rails of 250 mm width and panel filling with 12mm thick particle board of exterior grade bonded with phenol formal dehide resin and the shutter shall be rot proof, vermin proof, heat resistant guaranteed against shrinkage, warpage and such other defects for a period of 3 years. This shall be as per approved drawings, specification and direction including cost of conveyance, manufacturing, painting with enamel paint 2 coats over primer coat, cost of labour for all items of work, machinery, equipment and all other incidental charges with all lead, lift, loading and unloading etc., complete. The Hollow portion of the frame to be filled with cement concrete 1:2:4 PWD SR 2018-19, It	Sqm	0.00	0.00	0.00		0.00	0.00	0.00	0	0.00	0.00	0.00	0.00
29	Door lock, PWD SR 2018-19, SL NO-386, Pg. No.XV No.7.26, Pg. No.42	Each	2.00	350.93	702.00		0.00	350.93	0.00	2.00	350.93	702.00	2.00	702.00

MODIFIED SCHEDULE- B
Construction of Additional floor to existing Library at Vidyaratnapura Ward no.09 in Byatarayanapura Assembly Constituency

Item no	Description of work	Unit	As Per Modified Schedule B			Previous			Present			Total Upto Date	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
30	Solid Panel PVC Door Shutter : Providing & fixing 30mm thick factory made rigid foam panelled door shutters made from M.S. tube of 19 gauge thickness, size 19x19mm for styles and 15x15mm for top & bottom rails, covered with head moulded PVC channel of 5mm thick sheet & 30x50mm wide to form styles & 5mm thick & 75mm wide PVC sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet fitted as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet fitted in the M.S. Frame, Sealed to the styles & rails with 5x30mm PVC sheet beading on either side & joined together with solvent cement adhesive etc., complete as per manufacturers specification & Direction of Engineer-in-charge fixed to frames with nos of 75 mm aluminium hinges. As per the direction of the Engineer Incharge. Quantity Upto 125%	Sqm	11.81	3033.19	35830.00	0.00	3033.19	0.00	11.81	3033.19	35830.00	11.81	35830.00
	Qty Above 125%	Sqm	1.79	3033.51	5417.00	0.00	0.00	0.00	1.79	3033.51	5417.00	1.79	5417.00
31	Supply and fixing of door frame made of hollow extruded PVC Section (Nandi or Equivalent) having dimension of 40x57mm with the wall thickness of 2mm+/-0.2mm duly reinforced with seasoned wood plank at the hinges side. The door frame top 2corners shall be metric cut/welded.. As per the direction of the Engineer Incharge . Quantity Upto 125%	Mtr	42.75	276.74	11831.00	0.00	276.74	0.00	42.75	276.74	11831.00	42.75	11831.00
	Qty Above 125%	Mtr	8.57	277.06	2375.00	0.00	0.00	0.00	8.57	277.06	2375.00	8.57	2375.00
32	Providing and fixing 304 - grade stainless steel hand rails of 14-gauge pipes for Ramps or Staircase are made out of stainless steel hollow pipes, using 50mm dia for verticals @ 1.60 mtr c/c are fixed to the ramps or steps by drilling with bolts and 100mm dia MS base plates 10mm gauge for fixing of Vertical pipes 4 - Nos anchor bolts & 40mm dia pipes are fixed horizontally for 2-rows top, one pipes are fixed with vertical pipes another one are fixed with elbows and 25mm dia pipes are fixed horizontally for 2-rows below top measure @ equal intervals including cutting, welding, bending wherever necessary with suitable caps @ tops, bottoms & corners finishing with mat / shining etc., complete including cost and conveyance of all materials, labour for all items of work, HOM of equipment with all lead and lift, loading and unloading, transportation charges and all other incidental charges etc., complete as per specification and directions of the Engineer-in-charge of the work. Ramps or Staircase for physically challenged.P.No. 45, I.No. 7.39 of PWD SR 2018-19	Sqm	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00
	Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 1000 litre capacity) As per the direction of the Engineer Incharge	Nos	1.00	7447.98	7448.00	0.00	7447.98	0.00	1.00	7447.98	7448.00	1.00	7448.00
33	For roof slab & terraces Providing & applying water proofing to roof slab, terraces, landscape area, podium etc., using modified polyurethane cures (conforming to ASTM C836-84) to give a tough elastomeric waterproof membrane on the surface. The surface shall be cleaned free from dust and other particle before usage. standards & as per the direction of the Engineer Incharge . Quantity	Sqm	527.79	681.75	359820.00	0.00	681.75	0.00	527.79	681.75	359820.00	527.79	359820.00
34			104.07	681.75	70953.00				104.07	681.75	70953.00	104.07	70953.00

Item no	Description of work	As Per Modified Schedule B				Previous			Present			Total Upto Date	
		Qty	Rate	Amount	Unit	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
35	Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Quantity Upto 125%	5.00	5406.00	27030.00	Each	0.00	5406.00	0.00	5.00	5406.00	27030.00	5.00	27030.00
	Qty Above 125%	1.00	5406.00	5407.00	Each	0.00	0.00	0.00	1.00	5406.00	5407.00	1.00	5407.00
36	Providing and fixing white vitreous china clay, flat back wash basin size 550x400mm with a pair of 15mm C.P. brass pillar taps with C.I. /M.S. brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. As per the direction of the Engineer Incharge. Quantity Upto 125%	3.75	3917.79	14692.00	Unit	0.00	3917.79	0.00	3.75	3917.79	14692.00	3.75	14692.00
	Qty Above 125%	0.25	4231.21	1058.00	Unit	0.00	0.00	0.00	0.25	4231.21	1058.00	0.25	1058.00
37	Providing and fixing in position brass bib cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. As per the direction of the Engineer Incharge. Quantity Upto 125%	16.00	207.25	3316.00	Each	0.00	207.25	0.00	16.00	207.25	3316.00	16.00	3316.00
38	Providing gun metal pillar cocks 15mm dia of I class conforming to ISI specifications and fixing them in position as per directions including cost of materials and fixtures and conveyance to spot. As per the direction of the Engineer Incharge	2.50	263.97	660.00	Each	0.00	263.97	0.00	2.50	263.97	660.00	2.50	660.00
	Qty Above 125%	3.50	263.97	924.00	Each	0.00	0.00	0.00	3.50	263.97	924.00	3.50	924.00
39	Providing and fixing 600x450mm bevelled edge mirror of superior glass with 6mm hard board backing and fixed to wooden cleats with C.P. screws, washers, including cost of materials, labour complete as per specifications. As per the direction of the Engineer Incharge	0.00	0.00	0.00	Unit	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00
40	Providing and fixing C.P. brass towel rail 600 mm length, 20mm dia with C.P. brackets, fixed to wooden cleats with C.P. brass screws including cost of materials, labour complete as per specifications. As per the direction of the Engineer Incharge	0.00	0.00	0.00	Unit	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00
41	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). - 10cms x 7.5cms. As per the direction of the Engineer Incharge	12.50	735.20	9190.00	Each	0.00	735.20	0.00	12.50	735.20	9190.00	12.50	9190.00
	Qty Above 125%	3.50	272.70	955.00	Each	0.00	6487.59	0.00	3.50	272.70	955.00	3.50	955.00
42	Providing and fixing white vitreous china clay urinals with flat back of approved make fixed to wooden plugs including bends, painting white to exposed pipes etc., complete as per directions (rate includes cost of all materials and lead). A grade. As per the direction of the Engineer Incharge	5.00	927.18	4636.00	Each	0.00	927.18	0.00	5.00	927.18	4636.00	5.00	4636.00
	Qty Above 125%	1.00	927.18	928.00	Each	0.00	0.00	0.00	1.00	927.18	928.00	1.00	928.00

Item no	Description of work	Unit	As Per Modified Schedule B			Previous			Present			Total Upto Date	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
43	Providing and fixing Chlorinated Poly Vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 25mm nominal OD pipes As per the direction of the Engineer Incharge	Mtr	400.00	319.60	127840.00	0.00	319.60	0.00	400.00	319.60	127840.00	400.00	127840.00
44	Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kg/sq cm working pressure 75mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. As per the direction of the Engineer Incharge	Mtr	150.00	649.03	97355.00	0.00	649.03	0.00	150.00	649.03	97355.00	150.00	97355.00
45	Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia. As per the direction of the Engineer Incharge	Each	10.00	163.62	1637.00	0.00	163.62	0.00	10.00	163.62	1637.00	10.00	1637.00
	Qty Above 125%	Each	6.00	163.62	982.00	0.00	0.00	0.00	6.00	163.62	982.00	6.00	982.00
46	Open conduit system: supplying heavy gauge PVC conduit pipe 19/20mm dia thick dia conforming IS 2509 with suitable size bents/junction boxes, adhesive paste etc. and fixing using inverted wood plugs in case of RCC ceiling and wall sum structure are rawl plugs in case of bricks wall and cement plastering damaged portion using heavy gauge saddles at an interval of 700mm using NF screws As per the direction of the Engineer Incharge	Mtr	450.00	54.54	24543.00	450.00	54.54	24543.00	0	54.54	0.00	450.00	24543.00
47	Supplying and fixing surface/flush mounting unbreakable PVC modular box suitable for mounting modular switch plates with due groove cutting in Brick/C.C wall, including necessary rawl plugs, Machine/NF screws etc., complete 4-5 way As per the direction of the Engineer Incharge	Each	16.00	104.03	1665.00	0.00	104.03	0.00	16.00	104.03	1665.00	16.00	1665.00
48	Extra for Groove cutting in brick wall/CC floor to the suitable depth for concealing of Conduit/GI pipe and plastering, finishing upto wall surface complete. upto 50mm conduit in brick wall. As per the direction of the Engineer Incharge	Mtr	300.00	21.21	6363.00	0.00	21.21	0.00	300.00	21.21	6363.00	300.00	6363.00
49	Point wiring using copper wire with switch. Supplying and wiring adopting loop system in existing PCV conduit/casing capping using copper PVC installed multi strand 2x1 25sq m copper wire with a 6amps flush type SP control switch shall be fixed in the existing palastic sheet/gang box the other end of the wire shall be terminated with sufficient loose length in a wood brick complete for each outlet. Point wiring using class A material. As per the direction of the Engineer Incharge	Point	30.00	277.75	8333.00	0.00	277.75	0.00	30.00	277.75	8333.00	30.00	8333.00
50	Supplying 6A flush/projected type socket and 6amps flush projected type SP switches either surface flush mounting in a existing gang box or in a 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wires as required b) 6amps 3/5 way. As per the direction of the Engineer Incharge	Each	40.00	133.32	5333.00	0.00	133.32	0.00	40.00	133.32	5333.00	40.00	5333.00
51	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing, materials and C type curve indicator ON/OFF energy cross 3 with short circuit breaking capacity of 10 kA complete wiring as required. As per the direction of the Engineer Incharge	Each	2.00	1732.15	3465.00	0.00	1732.15	0.00	2.00	1732.15	3465.00	2.00	3465.00
52	1) Group Material A) Miniature circuit breakers a) 5 to 32 Amps 2) Group Material A) Miniature circuit breakers b) 40 to 63 Amps TPN. As per the direction of the Engineer Incharge	Each	20.00	1452.58	29052.00	0.00	1452.58	0.00	20.00	1452.58	29052.00	20.00	29052.00

Item no	Description of work	As Per Modified Schedule B				Previous			Present			Total Upto Date	
		Qty	Rate	Amount	Unit	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
53	Chemical earthing for grounding conduits, IC cut outs & other equipments on the meter board by using copper bonded ISS rod with earth enhancing back fill compound which is non corrosive thermally conductive, potential to permissible limits, superior fault condition capacity, non toxic wether resistance & capable achieving ohmin value less than one ohm using 4ft copper bonded rod with backfill compound .As per the direction of the Engineer Incharge	2.00	3908.70	7818.00	kit	0.00	3908.70	0.00	2.00	3908.70	7818.00	2.00	7818.00
54	Supplying capacitors type ceiling fan complete with down rod blades shakle canopies for operation on 230V 50 cycles phase AC supply conforming to ISS 374-1979 and with double ball bearing system (84/9.3)As per the direction of the Engineer Incharge Quantity Upto 125%	24.00	2110.90	50662.00	Each	0.00	2110.90	0.00	24.00	2110.90	50662.00	24.00	50662.00
55	Supplying exhaust fan of 1440 RPM of 300mm (12") size with bracket blades complete for light duty suitable to operate on 230V 50Hz, AC Supply.As per the direction of the Engineer Incharge	1.25	1212.00	1515.00	Each	0.00	1212.00	0.00	1.25	1212.00	1515.00	1.25	1515.00
	Qty Above 125%	2.75	1212.00	3333.00	Each	0.00	0.00	0.00	2.75	1212.00	3333.00	2.75	3333.00
56	Supplying of recess mounting non integral type LED..... W luminaire comprising of pressure decastr/extruded aluminium housing, with spring loaded fase ceiling clamps,Power LEDs with CCT 6500 degree K, CRI> 70%. Efficacy >100 lumen per watt, 120degree beam spread, life> 25000 burning hours and Compliance to IS 10322/IEC 60598, LM 79 & LM 80. The lamp compartment is enclosed with anti glare opal diffuser which enhances the lighting level. LEDs are driven by HF electronic driver integrated in a separate control gear assembly, with PF > 0.95, power loss should <5% of lamp wattage, short circuit & open circuit protection to be integrated in the circuit, THD less than 20%, Life as per LM 79. The operating input voltage should be between 130 to 275 volts. BIS Approved and Tested by NABL/CPR1 accredited laboratory with 2 years Warranty against any manufacturing defect working under standard electrical condition.As per the direction of the Engineer Incharge	39.00	5656.00	220584.00	Nos	0.00	5656.00	0.00	39.00	5656.00	220584.00	39.00	220584.00
57	Supplying and fixing of porcelain fuse channel with cut out on existing wooden /panel using necessary nuts, bolts and washes etc. complete 32 amps As per the direction of the Engineer Incharge	9.00	175.74	1582.00	Each	0.00	175.74	0.00	9.00	175.74	1582.00	9.00	1582.00
58	Wiring/Lighting/Power circuit using one of FRLS PVC insulated 1100V grade. Multistrand and copper conductor single core cable in open or concealed system of wiring as per IS 694:1990 & conforming to GTP of from group a material As per the direction of the Engineer Incharge	300.00	20.71	6213.00	Each	0.00	20.71	0.00	300.00	20.71	6213.00	300.00	6213.00
59	ii) 2.5Sq m	300.00	32.32	9696.00	Each	0.00	32.32	0.00	300.00	32.32	9696.00	300.00	9696.00
60	iii) 4 Sq m	300.00	45.45	13635.00	Each	0.00	45.45	0.00	300.00	45.45	13635.00	300.00	13635.00
E1	Providing and laying flooring using prepolished, water cut/gang saw 19mm thick granite laid with a bed of 20mm thick 1.4 cm & jointed with neat cement slurry mixed with pigment to match shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials, mortar and labours etc., complete as per specifications. -do-using silver grey granite/Muliy Red/Ruby Red/Black/Hassan Green Granite of width not less than 1200mm	294.37	2484.84	731465.00	Sqm				294.37	2484.84	731465.00	294.37	731465.00

Item No	Description of work	Unit	As Per Modified Schedule B			Previous			Present			Total Light Note	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
E2	Providing and fixing in position in cement concrete 13.6 steel glazed windows and ventilators side hung/ top hung 2/3 operable 1/3 fixed as per approved drawings using Z angles of 25x3x5mm, weighing 1.419 kg/m both for outer and inner frames and central mullion section of size 25x46x3mm, weighing 2.284 kg/m all duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows, not more than 34 cms. c to c including providing and fixing 4mm. thick needed glass with leadwood bending of required size, all steel sections should conform to IS 7452:1990, 4nos. of holdfasts of approved size, section should be cut to length welded and grinded electrically subdividing frames of unit shall be tenoned and reeved into the frames electrically. All the steel surface shall be thoroughly cleaned free of rust and painted with one coat of anti-corrosive paint and finishing two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour charges and H.O.M complete as per specifications.	Sqm	100.22	3636.73	366481.00				100.22	3636.73	366481.00	100.22	366481.00
E3	Providing rough cement plastering 15mm thick in single coat with cement mortar to brick masonry for base of finishing works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. - do - cement mortar 1:4	Sqm	175.04	230.16	40288.00				175.04	230.16	40288.00	175.04	40288.00
E4	Providing and fixing in position collapsible steel shutters with single or double leaf with vertical channel 20mmx10mmx2mm braced with flat iron diagonals 20mmx5mm size, with top and bottom rails of T iron sections of 40x40x6 mm with 38mm dia steel pulleys complete with bolt and nuts, locking arrangements, stoppers, handles on both sides with 7.5cms openings at 10 cms. c to c applying a priming coat of red lead paint, cost of materials, labour, H.O.M complete as per specifications, size of gate 2.4mx1.4m	Sqm	5.74	5689.61	32659.00				5.74	5689.61	32659.00	5.74	32659.00
E5	PROVIDING TRAPEZOIDAL PROFILED SHEET Providing and insulating of pre printed Galvalume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25 mm length, to be fixed over the existing purlins, rafters, channels and trusses.	Sqm	40.20	750.47	30069.00				40.20	750.47	30069.00	40.20	30069.00
E6	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scaffolding etc., complete as per the specification	Sqm	1957.11	91.63	177492.00				1957.11	91.63	177492.00	1957.11	177492.00
E7	Supplying of feet - PVC Batten with integrated LED tube W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @ 50/60Hz & Power factor >0.9 along with CE approved 2 years Warranty against any manufacturing defect working under standard electrical condition. LED light fitting 1 x 2' - 9 W	Each	56.00	252.50	14140.00				56.00	252.50	14140.00	56.00	14140.00

Item no	Description of work	Unit	As Per Modified Schedule B			Previous			Present			Total Up to Date	
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Amount
E8	KSRB 2-1 : Earthwork in surface excavation for levelling and lowering the ground manually (Other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled including breaking of clods and neatly dressed as per specifications. specification No. KES 2.1(a) / 2.3.1 KSRB 2-1.1 : - do - Ordinary soil	Cum	60.58	271.61	16455.00				60.58	271.61	16455.00	60.58	16455.00
E9	KSRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregates Sand / Kanker / Maximum. KSRB M100-1 : Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications. MORTH -100/ Chapter 1	Cum	60.58	121.08	7335.00				60.58	121.08	7335.00	60.58	7335.00
E10	KSRB 14.9-1: Providing and laying M-15 cement concrete flooring, 50 mm thick with metallic concrete hardener topping, under layer of 35mm thick m-15 cement concrete using broken granite metal of 20mm and down size, and top layer 50mm thick of metallic cement hardener consisting of min 1:2 (1 cement hardener min : 2 granite metal 10mm nominal size) by volume, with which metallic hardening compound of approved quality min in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt), including finishing cost of materials, labour, curing, complete as per specifications	Sqm	816.87	688.29	562248.00				816.87	688.29	562248.00	816.87	562248.00
Specification No. KES 14.4													
Sub Total					12990087.00			8524694.00			4465393.00		12990087.00
GST 12%					1558811.00			1022964.00			535848.00		1558811.00
GST 6%					267923.00						267923.00		267923.00
Grand Total					14816821.00			9547658.00			5269164.00		14816821.00

Certificate

1. The Work executed by the contractor is found satisfactory
2. The contractor has removed the debris from the work spot
3. There are no departmental issues for this work

[Signature]
Contractor

[Signature]
Assistant Engineer

[Signature]
Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

9545800-80

52-89005-0

14814800

Executive Engineer